

US Environmental Protection Agency, Office of Mobile Sources

| State Winter Oxygenated Fuel Programs December 6, 1999 | | | | |
|---|---------------------|---|--|--|
| Area (C/MSA) | State/ Region | Control Period/Oxygen Content | Type | Comments |
| New York/ Northern. N.J./ Connecticut | NY/NJ/CT R1 & R2 | 11/1 -2/29 2.7% | 80% to 90% MTBE – 10% to 20% Ethanol | <u>OXY & RFG</u> The oxygenated fuels program will no longer be implemented in this CMSA . All three states have requested that the program be dropped from their SIP's for the upcoming 1999/2000. EPA has approved the removal of the program for all three states and has published final rulemakings for CT and the Northern NJ area – the final rulemaking for the NY area will be published soon. Federal enforcement discretion was granted to all three states while the SIP revision process occurs. The commitment to not enforce the oxyfuel standard will remain in effect until EPA takes final action on the SIP revisions, or until the end of the oxyfuel season, whichever occurs first. |
| El Paso | TX/R6 | 10/1 - 3/31 2.7% Approved SIP | 100% Ethanol | Continues to implement oxy program. TNRCC expanded the federal control period to begin Oct. 1 and end on March 31. |
| Denver/ Boulder | CO/R8 | 11/1 to Feb. 7 AVG 3.1% Approved SIP | 100% Ethanol | Final redesignation to CO “serious” non-attainment area was published in the FR on 3-10-97 (62 FR 10690-10700). |
| Ft. Collins | CO/R8 | 11/1 to Feb. 7 AVG 3.1% Approved SIP | 100% Ethanol | Working on redesignation request. Tentatively scheduled to be submitted to EPA by mid-summer 2000. |
| Missoula | MT/R8 | 11/1 - 2/29 2.7% Approved SIP | 100% Ethanol | Voluntary ethanol only. Will continue to implement program. |
| Ogden | UT/R8 | 11/1 - 2/29 Approved SIP | | Not implementing oxy program. Ogden submitted a redesignation request. The Region is working on the request. |
| Provo/Orem | UT/R8 | 11/1 - 2/29 AVG 3.1% | 100% Ethanol | Continues to implement program. State attempted to shorten program by two weeks, however, analysis indicated that this area is not a candidate for shortening of the oxyfuel season. Provo had a probability of an exceedance greater than 70% if oxyfuel was discontinued in the period considered. |
| Las Vegas | NV/R9 | 10/1 - 3/31 3.5% | 100% Ethanol | EPA audited in '94 Final redesignation to CO “serious” non-attainment area was published in the FR on 10-2-97 (62 FR 51604-51606). |
| Phoenix | AZ/R9 | 11/15 - 3/31 3.5% | 100% Ethanol | EPA audited Dec. '94 Final redesignation to CO “serious” non-attainment area was published in the FR on 7-29-96 (61 FR 39343-39347). |
| Los Angeles* | CA/R9 | 10/1 - 2/29 1.8% to 2.2% | 100% MTBE | <u>OXY & RFG</u> Classified as a “serious” CO non-attainment area. |
| Reno | NV/R9 | 10/1 - 1/31 2.7% | 100% Ethanol | EPA audited in Jan. '94. Has data to redesignate – working on redesignation request. |
| Grants Pass | OR/R10 | 11/1 - 2/29 2.7% Approved SIP | 100% Ethanol | Has data to redesignate – working on redesignation request. State plans to submit a redesignation request to EPA by Dec. 99 -- state is unsure as to whether or not the oxy program will continue to be implemented as a control measure. |

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| Klamath Co. | OR/R10 | 11/1 - 2/29 2.7% Approved SIP | 100% Ethanol | Has data to redesignate – working on redesignation request. State plans to submit a redesignation request to EPA by Dec. 99 -- state is unsure as to whether or not the oxy program will continue to be implemented as a control measure. |
| Medford | OR/R10 | 11/1 - 2/29 2.7% Approved SIP | 100% Ethanol | Has data to redesignate – working on redesignation request. State has submitted a redesignation request to EPA -- EPA is working on request. |
| Fairbanks | AK/R10 | 11/1 - 2/29 | | Final redesignation to CO “serious” non-attainment area was published in the FR on 2-27-98 (63 FR 9945-9948). EPA is currently working with Alaska to identify various CO control strategies and options to address the areas CO problems. Area is not implementing oxy program. |
| Anchorage | AK/R10 | 11/1 - 2/29 2.7% | 100% Ethanol | Ethanol only program. Will Implement program for the 99/00 season. Final redesignation to CO “serious” non-attainment area was published in the FR on 6-12-98 (63 FR 32128-32131). EPA is currently working with Alaska to identify various CO control strategies and options to address the areas CO problems. |
| Spokane | WA/R10 | 9/1 - 2/29 3.5% Approved SIP | 100% Ethanol | Final redesignation to CO “serious” non-attainment area was published in the FR on 3-12-98 (63 FR 12007-12013). |

* CA areas are required to use CA Phase II fuel beginning June 1, 1996

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| Oxy Areas Previously Redesignated to CO Attainment and No Longer Implementing the Program | | | | |
|--|---------------------|---|-----------------------|---|
| Area (C/MSA) | State/Region | Redesignation/SIP Change Published in FR | Effective Date | Comments |
| Syracuse | NY/R2 | Sept. 29, 1993 | Sept. 29, 1993 | |
| Greensboro | NC/R4 | Sept. 21, 1994 | Nov. 7, 1994 | |
| Cleveland | OH/R5 | Feb. 4, 1994 | March 7, 1994 | |
| Duluth | MN/R5 | April 14 ,1994 | June 13, 1994 | |
| Memphis | TN/R4 | July 26, 1994 | Sept. 26, 1994 | |
| Baltimore | MD/R3 | Oct. 31, 1995 | Dec. 15, 1995 | |
| Raleigh-Durham | NC/R4 | Aug. 2, 1995 | Sept. 18, 1995 | |
| Hartford | CT/R1 | May 14, 1996 | Jan. 2, 1996 | . |
| Philadelphia | PA/NJ/MD R2/R3 | Jan. 30, 1996 | March 15, 1996 | |
| Boston | MA/R1 | Jan. 30, 1996 | April 1, 1996 | |
| Wash ington | DC/MD/VA R3 | Jan. 30, 1996 | March 15, 1996 | |
| Albuquerque | NM/R6 | June 13, 1996 | July 15, 1996 | |
| Vancouver | WA R10 | Oct. 21, 1996 | Oct. 21, 1996 | Redesignation plan drops oxy from the maintenance plan but keeps it as a contingency measure. |
| Seattle | WA R10 | Oct. 11, 1996 | Oct. 11, 1996 | Redesignation plan drops oxy from the maintenance plan but keeps it as a contingency measure. |
| Portland | OR/R10 | September 2, 1997 | October 2, 1997 | Redesignation plan keeps oxy program in the maintenance plan |
| San Diego, Chico, Modesto, Sacramento, Fresno, San Francisco and Stockton, CA | CA/RE 9 | March 31, 1998 | June 1, 1998 | Redesignation plan keeps oxy as a contingency measure |

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|--|---------------------|---|-----------------------|--|
| Area (C/MSA) | State/Region | Redesignation/SIP Change Published in FR | Effective Date | Comments |
| Salt Lake City, UT | UT/R8 | January 21, 1999 | March 22, 1999 | Redesignation plan drops oxy from the maintenance plan |
| Connecticut | CT/R1 | March 10, 1999 (Redesignation) December 1, 1999 (Removal from SIP) | May 10, 1999 | A direct final rulemaking was published on 12/1/99 to remove the oxy program from CT's SIP. The rulemaking becomes effective on 1/31/00 unless EPA receives an adverse comment by 1/3/00 |
| Colorado Springs | CO/R8 | August 25, 1999 | October 25, 1999 | Redesignation plan continues to implement program at least until winter 2001 |
| Minneapolis/St. Paul | MN/R5 | October 29, 1999 | November 29, 1999 | |
| Northern New Jersey | NJ/RE2 | November 22, 1999 | November 22, 1999 | Oxy program dropped from the SIP |

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ORIGINAL AREAS:

39 in 1992, 1 for 1993
36 implemented in first year (1992)

**ORIGINAL REQUIRED
STATES: 23**

Maryland, Massachusetts, North Carolina, Connecticut, Pennsylvania, New Jersey, New York, District of Columbia, Virginia, Ohio, Tennessee, New Mexico, Texas, Colorado, Montana, Utah, Alaska, Oregon, Washington, California, Nevada, Arizona, Minnesota

**REDESIGNATIONS TO
CO ATTAINMENT: 27**

Syracuse, NY; Winston-Salem-Greensboro, NC; Cleveland, OH; Duluth, MN; Memphis, TN; Baltimore, MD; Raleigh/ Durham, NC; Hartford, CT; Philadelphia, PA CMSA (includes Southern New Jersey); Washington, D.C. CMSA (VA & MD); Albuquerque, NM; Boston, MA; Vancouver, WA; Seattle, WA; Portland, OR; San Diego, Chico, Modesto, Sacramento, Fresno, San Francisco and Stockton, CA; Salt Lake City, UT; Connecticut (portion of CT/NJ/NY CMSA); Colorado Springs, CO; Minneapolis/St. Paul, MN; Northern New Jersey (portion of CT/NJ/NY CMSA);

**PROPOSED OR DEVELOPING
REDESIGNATION REQUESTS
TO CO ATTAINMENT: 6**

Ft. Collins, CO; Grants Pass, OR; Klamath Co., OR;
Medford, OR; Reno, NV; Ogden, UT

**REDESIGNATIONS TO
“SERIOUS” CO
NONATTAINMENT
AREAS: 6**

Denver, CO; Phoenix, AZ; Las Vegas, NV; Spokane, WA; Anchorage & Fairbanks, AK

**NOT IMPLEMENTING
PROGRAM:**

Fairbanks, AK; Ogden, UT

CURRENT STATES: 11

Texas, Colorado, Montana, Utah, Alaska, Oregon, California, Nevada, Arizona, Washington

TOTAL AREAS IMPLEMENTING IN 1994/95: 31
TOTAL AREAS IMPLEMENTING IN 1995/96: 27
TOTAL AREAS IMPLEMENTING IN 1996/97: 25
TOTAL AREAS IMPLEMENTING IN 1997/98: 25
TOTAL AREAS IMPLEMENTING IN 1998/99: 17
TOTAL AREAS IMPLEMENTING IN 1999/00: 15

NEXT CO ATTAINMENT DATE IS DECEMBER 31, 2000